

6 the ethernet packet protocol, wherein the wireless LAN comprises a  
7 plurality of nodes with an individual computer at each of the plurality of  
8 nodes; and  
9 a mobile hub to transfer broadband information as a single  
10 nomadic transmission/reception point between the microwave  
11 communication system and the wireless LAN.

1 39. (New) The system defined Claim 38 wherein the broadband  
2 information comprises data.

1 40. (New) The system defined Claim 38 wherein the broadband  
2 information comprises audio and image data, such that the subsystem,  
3 wireless LAN and mobile hub transform broadband audio and image  
4 data.

#### REMARKS

Applicant respectfully requests reconsideration of this application as amended. Claims 1-18 are pending in the application. Claims 1 and 11 have been amended. Claims 19-40 have been added. No claims have been canceled.

The Examiner rejected Claims 1-18 under 35 U.S.C. §103(a) as being unpatentable over Simon in view of Wolff, et al. Simon discloses a cordless telephone system that includes a fixed station that communicates with relay stations that cover specific functional areas. The relay stations are located at

the edges of the functional area supported by the fixed station to support voice communications via radio. The relay stations are in simultaneous radio contact with the fixed station as well as mobile stations. Wolff discloses a system to manage telephone calls using out of bound, wireless, two-way signals.

Applicant respectfully submits the present invention as claimed is not obvious in view of Simon and Wolff. Specifically, the present invention as claimed in Claims 1-18 sets forth a system having a microwave communication system and a wireless local area network (LAN) which may transfer information between one another via a mobile hub. The mobile hub is a nomadic transfer point that transfers information between the microwave communication system and the LAN using an ethernet packet switching protocol. Simon and Wolff are silent with respect to a mobile hub being used in a nomadic fashion to transfer communications between a digital microwave communication system and a wireless LAN.

The Examiner sets forth that relay station 40 can operate as a mobile hub. However, nothing in Simon indicates that a relay station 40 provides communication between a wireless LAN and a digital microwave in a nomadic fashion. In fact, the relay station 40 supports a functional area which is typically right at the edge of the functional area supported by a fixed station. Thus, there is nothing to imply that relay station 40 is nomadic and may be moved. This may be important where the wireless LAN may be set up at any remote location and access to the digital microwave may be provided via the mobile hub.

Moreover, as claimed, the present invention uses an internet packet switching protocol to transfer the information throughout the system. The



Examiner has relied on Wolff to supply such a teaching. However, Applicant respectfully submits that there is nothing in Wolff to state that information may be transferred between a digital microwave and a wireless LAN using an internet packet switching protocol thereby enabling information to be transferred throughout the system using an ethernet packet switching protocol such as a TCPI/IP protocol. Therefore, in view of this, Applicant respectfully submits the present invention as claimed is not obvious in view of Simon and Wolff.

Applicant has added Claims 19-21 that are dependent on Claim 1, Claims 22-24 that are dependent on Claim 11 and Claims 25-27 that are dependent on Claim 18. Each of these claims set forth that the information being transferred is broadband information, such that broadband information is transferred between the digital microwave mobile hub station and the wireless LAN. Such a system as claimed is clearly not described in the combination of Simon and Wolff. Therefore, Applicant respectfully submits that these claims are in condition for allowance.

Applicant also added Claims 28-40. Claim 28 is an independent claim that sets forth a system having a communication subsystem, a wireless LAN that includes at least one computer and a mobile hub that transfers broadband information between the communication subsystem and the wireless LAN using an ethernet packet switching protocol. Applicant respectfully submits that Claims 29-37 depend on Claim 28. Claim 38 is an independent claim and Claims 39-40 depend on Claim 38. Applicant respectfully submits that these claims are in condition for allowance.


Accordingly, Applicant respectfully submits that the rejection under 35 U.S.C. §103(a) has been overcome by the amendments and the remarks and

withdrawal of these rejections is respectfully requested. Applicant submits that Claims 1 and 11 as amended and 19-40 as added are now in condition for allowance and such action is earnestly solicited.

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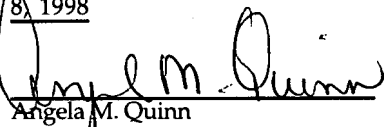
Respectfully submitted,  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 4/8, 1998

  
\_\_\_\_\_  
Michael J. Mallie  
Attorney for Applicant  
Registration No. 36,591

12400 Wilshire Boulevard  
Seventh Floor  
Los Angeles, CA 90025-1026  
(408) 720-8598

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on April 8, 1998

  
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Angela M. Quinn      April 8, 1998  
Date